

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/053524

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F23M13/00 F23R3/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F23M F23R F23J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/023281 A (ALSTOM LTD; BENZ, URS; HELLAT, JAAN; JOOS, FRANZ) 20 March 2003 (2003-03-20)	1,6
Y	page 9, paragraph 3; claims 1,7; figure 3	7-9
X	US 2 807 931 A (JR. ALBERT G. BODINE,) 1 October 1957 (1957-10-01) column 6, line 23 - line 34; figure 2	1
X,P	EP 1 434 006 A (ROLLS-ROYCE PLC; ROLLS-ROYCE DEUTSCHLAND LTD & CO KG) 30 June 2004 (2004-06-30) the whole document	1,2,8,9
A	US 2002/108810 A1 (KUDERNATSCH GUNTER ET AL) 15 August 2002 (2002-08-15) figure 4	6
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

14 April 2005

Date of mailing of the international search report

22/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 51 014550 A (TOKICO LTD) 5 February 1976 (1976-02-05) figure 5	7-9
A	US 6 530 221 B1 (SATTINGER STANLEY S ET AL) 11 March 2003 (2003-03-11) cited in the application the whole document	3-5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2004/053524

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03023281	A	20-03-2003	CN 1551965 A EP 1423645 A1 WO 03023281 A1 US 2004248053 A1	01-12-2004 02-06-2004 20-03-2003 09-12-2004
US 2807931	A	01-10-1957	NONE	
EP 1434006	A	30-06-2004	GB 2396687 A EP 1434006 A2 US 2004211185 A1	30-06-2004 30-06-2004 28-10-2004
US 2002108810	A1	15-08-2002	EP 1213538 A2	12-06-2002
JP 51014550	A	05-02-1976	NONE	
US 6530221	B1	11-03-2003	EP 1319153 A1 JP 2004509313 T WO 0225174 A1	18-06-2003 25-03-2004 28-03-2002